Amendments to the Claims

Please amend the claims as follows:

1-3 (Canceled)

4. (Previously Presented)   A method of processing digital image data comprising:

overlaying a hexon pattern structure on the digital image data to define a central area comprising a pixel or group of pixels, the geometric pattern comprising a group of six pixels and/or a pattern of six groups of pixels surrounding the central area, the overlaying of the geometric pattern defining a geometric region in relation to the central area,

assigning brightness values to the pixels within the groups of pixels and/or to individual groups of pixels,

comparing the brightness values of the groups of pixels using a local radial angular transform,

detecting regions of contrast within the image data, wherein the detected regions of contrast are used to determine if a triangular shape is present within the image.

5. (Previously Presented)   A method of processing digital image data comprising:

overlaying a hexon pattern structure on the digital image data to define a central area comprising a pixel or group of pixels, the geometric pattern comprising a group of six pixels and/or a pattern of six groups of pixels surrounding the central area, the overlaying of the geometric pattern defining a geometric region in relation to the central area,

assigning brightness values to the pixels within the groups of pixels and/or to individual groups of pixels,

comparing the brightness values of the groups of pixels using a local radial angular transform,

detecting regions of contrast within the image data, wherein the detected regions of contrast are used to determine if a line junction is present within the image.

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